Rayean Mahmud Arnob
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GitHub | LinkedIn

PROFESSIONAL SUMMARY

A motivated and detail-oriented Computer Science and Engineering graduate with a solid understanding of software engineering fundamentals, including SDLC, STLC, Agile, and core SQA principles. Knowledgeable in manual testing, test case design, and defect reporting, with a growing interest in automation using Python. Skilled in Python, Flutter, Firebase, MySQL, and software testing, with strong analytical problem-solving abilities and a passion for identifying bugs and improving software quality. A fast learner who adapts quickly, communicates clearly, and is eager to contribute to meaningful, high-impact projects in dynamic work environments.

EDUCATION

B.Sc. in Computer Science and Engineering   *Completed: March 2025*
BRAC University, Dhaka, Bangladesh
*CGPA: **3.19 / 4.00***

Higher Secondary Certificate (HSC), Science   *2019*
Hazera-Taju Degree College, Chattogram Board
*GPA: **4.17 / 5.00***

Secondary School Certificate (SSC), Science   *2016*
West Dhemsa High School, Chattogram Board
*GPA: **4.56 / 5.00***

KEY TECHNICAL SKILLS

- ➢ **Programming Languages:** Python, Dart, PHP, SQL
- ➢ **Frameworks & Tools:** Flutter, Firebase, Visual Studio Code, Trello, Figma, JIRA, Selenium (basic)
- ➢ **Databases:** MySQL, Firebase Realtime Database
- ➢ **Methodologies**: SDLC, STLC, Agile
- ➢ **Additional:** Microsoft Office (Word, Excel, PowerPoint), Canva, UI & UX Design, Git, GitHub

SOFT SKILLS

- ➢ Strong Communication
- ➢ Teamwork & Collaboration
- ➢ Adaptability & Quick Learning
- ➢ Attention to Detail

CERTIFICATION

- **Software Development with Flutter**
  IEEE Computer Society - Issued March 2022

PROJECT EXPERIENCE

E-Commerce App – SQA Project (Manual & Automation Testing)

Executed manual testing across key modules including product pages, add-to-cart flow, cart management, homepage search, navigation, UI/layout checks, account, and orders. Prepared clear test cases and bug reports using proper severity-priority levels and well-structured documentation practices. Developed a Selenium WebDriver (Python) script to automate and validate the Add-to-Cart functionality.

Learning App – SQA Project (Manual Testing)

Performed end-to-end testing on the registration and homepage modules. Created clear and step-by-step test cases along with well-documented bug reports outlining reproduction steps and expected outcomes. Ensured smooth functionality by applying black-box testing techniques and following a structured, step-by-step testing approach.

LANGUAGES

- **English** – Proficient (Full Professional Proficiency)
- **Bengali** – Native

AWARDS & ACTIVITIES

- **Talent Pool Scholarship – JSC**
  Awarded for outstanding academic performance in the Junior School Certificate examination.
- **Junior Executive, IT Department – BRAC University Entrepreneurship Development Forum**
  Supported both technical and creative needs of the forum by assisting in IT operations, event coordination, and poster design for promotional campaigns.
- **Member, Communication and Marketing Department – BRAC University Computer Club (BUCC)**
  Actively participated in promoting events, managing social media campaigns, and engaging with students to increase participation in club activities.
- **Member, IEEE Computer Society – BRAC University Student Branch (2021–2023)**
  Took part in technical workshops, seminars, and knowledge-sharing sessions, collaborating with peers to strengthen the student tech community and enhance awareness of emerging technologies.

REFERENCE

Dr. Md. Ashraful Alam
Associate Professor, Department of Computer Science and Engineering,
 BRAC University;
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